



Therapeutic Interchange for Anticholinergic and LABA inhalers

**Umeclidinium (Incruse Ellipta) is Genesis' inhaled anticholinergic of choice for ADULT patients.

Intubated patients are excluded from this substitution.

*Respiratory Therapist will evaluate each patient and will discontinue this therapeutic interchange and write order(s) to maintain the MDI Therapy as originally ordered for:

- > Patients with stable asthma or COPD admitted with unrelated pulmonary diagnosis.
- > MDI needed for patient adherence and to demonstrate compliance.

Beta Agonist	
Ordered As	Substitute
<i>Arformoterol (Brovana) 15 mcg neb every 12 hours</i>	<i>Formoterol (Performist) 20 mcg neb every 12 hours</i>
<i>Albuterol Inhalers (Proair, Ventolin, Albuterol) *may continue MDI for COVID positive patients or AGPs</i>	<i>Albuterol Neb 2.5 mg same frequency</i>
<i>Levalbuterol (Xopenex) HFA and nebulizer solution</i>	<i>Albuterol Neb 2.5 mg same frequency (unless DAW for levalbuterol)</i>
<i>Olodaterol (Striverdi Respimat) 2 inhalations once daily</i>	<i>Formoterol (Performist) 20 mcg neb every 12 hours</i>
<i>Salmeterol (Serevent) 1 inhalation q12h</i>	<i>Formoterol (Performist) 20 mcg neb every 12 hours</i>
<i>Formoterol (Foradil)</i>	<i>Formoterol (Performist) 20 mcg neb same frequency</i>

Anticholinergics	
Ordered As	Substitute
<i>Acclidinium (Tudorza Pressair) 1 inhalation (400 mcg) twice daily</i>	<i>Umeclidinium (Incruse Ellipta) 1 inhalation (62.5 mcg) once daily</i>
<i>Glycopyrrolate (Seebri Neohaler)</i>	<i>Umeclidinium (Incruse Ellipta)</i>

<i>1 capsule (15.6 mcg) inhaled twice daily</i>	<i>1 inhalation (62.5 mcg) once daily</i>
<i>Glycopyrrolate (Lonhala Magnair) 1 vial (25 mcg) inhaled twice daily</i>	<i>Umeclidinium (Incruse Ellipta) 1 inhalation (62.5 mcg) once daily</i>
<i>Ipratropium (Atrovent)</i>	<i>Ipratropium (Atrovent) Neb 0.5 mg same frequency **If MDI Therapy is to be continued per RT evaluation, will be converted to Umeclidinium (Incruse Ellipta) 1 inhalation (62.5 mcg) once daily</i>
<i>Revefenacin (Yupelri) 175 mcg nebulized once daily</i>	<i>Umeclidinium (Incruse Ellipta) 1 inhalation (62.5 mcg) once daily</i>
<i>Tiotropium (Spiriva HandiHaler, Spiriva Respimat)</i>	<i>Umeclidinium (Incruse Ellipta) 1 inhalation (62.5 mcg) once daily</i>
Combination Beta Agonist/Anticholinergic	
Ordered As	Substitute
<i>Glycopyrrolate/Formoterol (Bevespi Aerosphere) 2 inhalations twice daily</i>	<i>Umeclidinium/Vilanterol (Anoro Ellipta) 1 inhalation once daily</i>
<i>Ipratropium/Albuterol (Combivent) 1 inhalation four times daily</i>	<i>Ipratropium/Albuterol (DuoNeb) Neb 0.5mg/2.5mg every 6 hours **If SCHEDULED MDI Therapy is to be continued per RT evaluation, will be converted to Umeclidinium/Vilanterol (Anoro Ellipta) 1 inhalation once daily **Does not apply to PRN orders**</i>
<i>Tiotropium/Olodaterol (Stiolto Respimat) 2 inhalations once daily</i>	<i>Umeclidinium/Vilanterol (Anoro Ellipta) 1 inhalation once daily</i>
<i>Aclidinium/formoterol (Duaklir Pressair) 1 inhalation twice daily</i>	<i>Umeclidinium/Vilanterol (Anoro Ellipta) 1 inhalation once daily</i>
Combination Beta Agonist/Anticholinergic/Corticosteroid	
Ordered As	Substitute
<i>Fluticasone furoate/Umeclidinium/Vilanterol (Trelegy Ellipta) 1 inhalation once daily</i>	<i>Umeclidinium/Vilanterol (Anoro Ellipta) 1 inhalation once daily AND Fluticasone furoate 100 mcg (Arnuity Ellipta) 1 inhalation once daily</i>
<i>Budesonide/glycopyrrolate/formoterol</i>	<i>Fluticasone furoate/vilanterol (Breo) 200 mcg/25</i>

<i>(Breztri Aerosphere)</i> <i>2 inhalations twice daily</i>	<i>mcg</i> <i>1 inhalation once daily</i> <i>AND</i> <i>Umeclidinium (Incruse) 62.5 mcg</i> <i>1 inhalation once daily</i>
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